

This listing of claims replaces all prior versions and listings of claims in the application.

**LISTING OF CLAIMS**

1. (Currently Amended) A composition comprising a skin explant and a glucosaminoglycan-enriched media in the absence of serum.
2. (Original) The composition of claim 1 wherein the glucosaminoglycan is hyaluronan.
3. (Previously Presented) The composition of claim 1 wherein the composition is for preserving skin.
- 4.-9. (Canceled)
10. (Previously Presented) The composition of claim 1 wherein the composition is in the absence of a non-cell penetrating cryoprotectant.
11. (Currently Amended) The composition of claim 3 wherein the ~~skin~~ composition is preserved at a temperature above freezing.
12. (Currently Amended) The composition of claim 3 wherein the ~~skin~~ composition is preserved at a temperature below freezing.
- 13.-16. (Canceled)
17. (Withdrawn) A method of making a skin-containing storage solution comprising utilizing the composition of Claim 1.
18. (Withdrawn) The method of claim 17 wherein the glucosaminoglycan is hyaluronan.
19. (Withdrawn) A method of preserving skin comprising utilizing the composition of Claim 1; and storing the skin in the composition.

20. (Withdrawn) The method of claim 19 wherein the glucosaminoglycan is hyaluronan.
21. (Withdrawn-Currently Amended) The method of claim 19 wherein the composition skin is preserved at a temperature above freezing.
22. (Withdrawn-Currently Amended) The method of claim 19 wherein the composition skin is preserved at a temperature below freezing.
23. (Withdrawn) A method of treatment comprising (i) obtaining skin; (ii) storing the skin in the composition of Claim 1; and (iii) using the skin in treatment.
24. (Withdrawn) The method of claim 23 wherein the glucosaminoglycan is hyaluronan.
25. (Previously Presented) A kit comprising the composition of Claim 1.
26. (Previously Presented) The kit of claim 25 wherein the composition is stored at a temperature above 0°C.
- 27.-29. (Canceled)
30. (Withdrawn) A method of improving skin engraftment comprising (i) using the composition of Claim 1 to preserve skin prior to grafting, and (ii) grafting the skin onto a subject.
31. (Withdrawn) A method of treatment of a wound comprising (i) identifying a wound, and (ii) placing skin preserved in the composition of Claim 1 onto the wound.
32. (Withdrawn) A method of promoting wound healing comprising (i) identifying a wound, (ii) using the skin of the composition of Claim 1, and (iii) grafting the skin onto a wound.